

IN THE CLAIMS:

Claims 1-24, 33-63 and 66-72 were previously canceled. No claims have been amended herein. All of the pending claims 25 through 32, 64 and 65 are presented below. This listing of claims will replace all prior versions and listings of claims in the application. Please enter these claims as amended.

1-24 (Canceled)

25. (Previously Presented) An intermediate semiconductor component, comprising: a substrate having a first surface and an opposing, second surface and including an aperture that communicates with the first surface and extends partially through the substrate; at least one via extending into the first surface of the substrate and terminating short of the opposing, second surface and including a seed layer comprising conductive material at least partially over a surface of the aperture, an annular conductive layer contacting the seed layer, and a filler material occupying a remainder of the via, the filler material circumscribed by and contacting the annular conductive layer.

26. (Previously Presented) The intermediate semiconductor component of claim 25, wherein the annular conductive layer comprises a metal layer formed on the seed layer.

27. (Original) The intermediate semiconductor component of claim 25, wherein the filler material is selected from the group consisting of spin-on-glass, polysilicon, solder paste and a solder alloy.

28. (Original) The intermediate semiconductor component of claim 25, wherein the filler material is either a conductive or a nonconductive filler material.

29. (Previously Presented) The intermediate semiconductor component of claim 26, wherein the seed layer is selected from the group consisting of titanium nitride, titanium, tantalum nitride, copper, and a polysilicon.

30. (Original) The intermediate semiconductor component of claim 26, wherein the metal layer is selected from the group of metals consisting of nickel, cobalt, copper, silver, titanium, iridium, gold, tungsten, tantalum, molybdenum, platinum, palladium, nickel-phosphorus, palladium-phosphorus, cobalt-phosphorus, a Co-W-P alloy, alloys of the foregoing metals and mixtures of any of the foregoing.

31. (Original) The intermediate semiconductor component of claim 25, further comprising an insulative layer located between the annular conductive layer and the substrate.

32. (Original) The intermediate semiconductor component of claim 25, further comprising a barrier layer on the first surface.

33-63 (Canceled)

64. (Previously Presented) An intermediate semiconductor component, comprising:
a substrate having a first surface and an opposite, second surface;
a barrier layer on the first surface; and
at least one via extending into the first surface of the substrate and terminating short of the opposite, second surface and including solder that extends from the first surface.

65. (Previously Presented) The intermediate semiconductor component of claim 64, further comprising an insulative layer located between the conductive filler material and the substrate.

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66-72 (Canceled)